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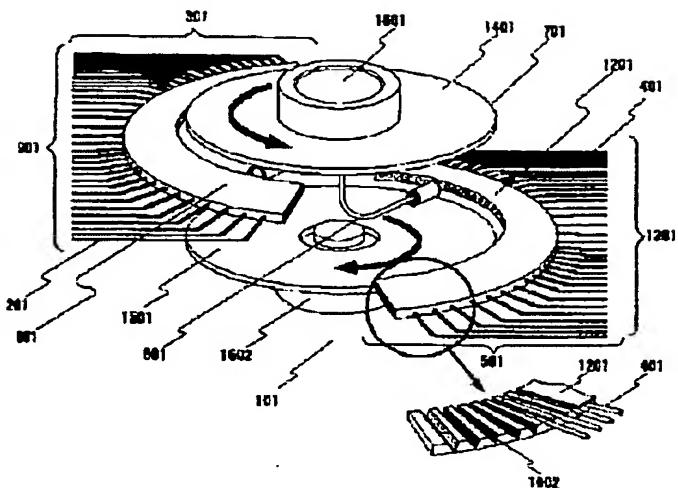
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APPLICANT : NEC CORP;

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TITLE : ROTARY TYPE OPTICAL SWITCH



ABSTRACT : PROBLEM TO BE SOLVED: To cope with a large-scale switch $\geq 100 \times 100$ by providing an $N \times M$ small rotary type optical switch for performing optical connection at high speed.

SOLUTION: This rotary type optical switch 101 consists of an input port 301 obtained by lining up a plurality of input side optical fibers 201, an output port 501 obtained by lining up a plurality of output side optical fibers 401 similarly, a rotary switch 701 for performing optical connection rotating a single optical fiber 60 for connection. The part 701 consists of the fiber 601, two disks (an input-side rotation stage 1401 and an output-side rotation stage 1501), driving motors 1601 and 1602 for individually rotating the two disks.

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